Reg	istra	ation No:		210		210		210	210		210
Tota	ıl Nu	ımber of Pa	ages: 02							B.Tecl PCME4304	
5 th Semester Back Examination 2017-18 Machining Science and Technology BRANCH: MECH, PLASTIC Time: 3 Hours Max Marks: 70 Q.CODE: B272 Answer Question No.1 which is compulsory and any five from the rest. The figures in the right hand margin indicate marks.											
210		210		210		210		210	210		210
Q1 210	a) b) c) d) e) f) g) h) i)	Answer the What is fix What is do What is lap Where the What is the Differentia What are to What is Flat What are to what are	ture? own millin oping ope cutting to e Taylor's te the cap he limitat ank wear	g eration ool in a resequation ostan and in A	e pulle nilling n? d turre	y drive i machine	e is mou	unted on?	210		210
Q2	a) b)	Difference between orthogonal and oblique cutting. What s the utility of orthogonal cutting? Derive the expression for chip reduction coefficient in single point cutting.							of (5)	210	
Q3 210	a) b)	What are them briefl Draw the I in the chip	y. Merchant	210		210	_	210	ial? Descril		210
Q4	a) b)	Describe in the tool life What are t	?	210		210		210	factors affe		210

Q5 a)	Describe the basic parts of an engine lathe? How the Jathe machine is specified? Discuss. 210								
Q6 a) b)	What are the different methods of indexing? Describe briefly. What are the differences between planer and shaper machine?								
Q7	Explain the work material removal		of ECM and o	derive the exp	pression of	(10)			
Q8 a)	Write short answer on any TWO: Plasma Arc Machining								
b)									
²¹⁰ d)		210	210	210	210	210			
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